

WHAT IS CLAIMED IS:

1. A user interfacing display apparatus for use in an electronic apparatus including (i) detail setting key for detecting what a user selects, and for performing detail setting of a job as to what a user selects, and (ii) control means, capable of performing a plurality of jobs respectively in accordance with desired detail settings, for suspending a job that is being processed or a job that is standing by and performing another job, in accordance with an interruption instruction, the user interfacing display apparatus comprising:

an interruption key for detecting the interruption instruction, and transmitting the interruption instruction to the control means, the interruption key being capable of changing a display state thereof;

a display section for displaying the desired detail settings; and

display control means for (iii) popping up, on the display section, a detail item of that one of the detail settings which is selected, when the detail setting key that is associated with the detail setting is selected, and (iv) changing the display state of the interruption key.

2. The user interfacing display apparatus as set forth in Claim 1, wherein:

on performing the popping-up on the display section, the display control means transmits to the control means an instruction to invalidate the interruption instruction detected via the interruption key.

3. The user interfacing display apparatus as set forth in Claim 2, wherein:

on ending the popping-up after the detail setting is completed, the display control means transmits to the control means an instruction to validate the interruption instruction detected via the interruption key.

4. The user interfacing display apparatus as set forth in Claim 1, wherein:

the interruption key is a soft key that is displayed on the display section.

5. The user interfacing display apparatus as set forth in Claim 4, wherein:

on performing the popping-up on the display section, the display control means erases display of the interruption key.

6. The user interfacing display apparatus as set forth in Claim 4, wherein:

on performing the popping-up on the display section, the display control means hides at least part of the interruption key by performing the popping-up.

7. The user interfacing display apparatus as set forth in Claim 1, wherein:

the interruption key is a hard key provided in the display section.

8. The user interfacing display apparatus as set forth in Claim 7, wherein:

on performing the popping-up on the display section, the display control means switches over a lamp indicating whether the interruption key is available or unavailable.

9. The user interfacing display apparatus as set forth in Claim 1, wherein:

on performing the popping-up on the display section, the display control means changes the display state of the interruption key to an unavailability display state informing that interruption is unavailable.

10. The user interfacing display apparatus as set forth in Claim 9:

the changing of the display state of the interruption

key to the unavailability display state is performed by lighting a color thickness of the interruption key from a predetermined color thickness in which the interruption key has been displayed.

11. The user interfacing display apparatus as set forth in Claim 9, wherein:

the changing of the display state of the interruption key to the unavailability display state is performed by using a dotted line.

12. The user interfacing display apparatus as set forth in Claim 1, wherein:

on ending the popping-up after the detail setting is completed, the display control means changes back the display state of the interruption key to a display state displayed before the popping-up is performed.

13. The user interfacing display apparatus as set forth in Claim 1, further comprising:

warning means for warning the user, so that the display control means warns the user by using the warning means when detecting that the interruption key is selected while the popping-up is being performed on the display section.

14. The user interfacing display apparatus as set forth in Claim 13, wherein:

the warning is performed by using a warning message.

15. The user interfacing display apparatus as set forth in Claim 13, wherein:

the warning is performed by using a warning sound.

16. A user interfacing display apparatus for use in an electronic apparatus including (i) detail setting key for detecting what a user selects, and for performing detail setting of a job as to what a user selects, and (ii) a control section, capable of performing a plurality of jobs respectively in accordance with desired detail settings, for suspending a job that is being processed or a job that is standing by and performing another job, in accordance with an interruption instruction, the user interfacing display apparatus comprising:

an interruption key for detecting the interruption instruction, and transmitting the interruption instruction to the control section, the interruption key being capable of changing a display state thereof;

a display section for displaying the desired detail

settings; and

a display control section for (iii) popping up, on the display section, a detail item of that one of the detail settings which is selected, when the detail setting key that is associated with the detail setting is selected, and (iv) changing the display state of the interruption key.

17. An image forming apparatus, which is an electronic apparatus, comprising (i) detail setting key for detecting what a user selects, and for performing detail setting of a job as to what a user selects, and (ii) control means, capable of performing a plurality of jobs respectively in accordance with desired detail settings, for suspending a job that is being processed or a job that is standing by and performing another job, in accordance with an interruption instruction, the image forming apparatus comprising:

a user interfacing display apparatus including:

an interruption key for detecting the interruption instruction, and transmitting the interruption instruction to the control means, the interruption key being capable of changing a display state thereof;

a display section for displaying the desired detail settings; and

display control means for (iii) popping up, on the display section, a detail item of that one of the detail settings which is selected, when the detail setting key that is associated with the detail setting is selected, and (iv) changing the display state of the interruption key.

18. The image forming apparatus as set forth in Claim 17 being a digital photocopying machine.